UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460-0001

	DATA MATI	RIX			
Date: FEBRUARY 28, 2	EPA Reg No./ File Symbol: 59639-2		Total Pages = 31		
Applicant's/ Registrant's Name	& Address: VALENT U.S.A. CORPPORATION	ON	Product: CLETHODIM TECH	NICAL	
	1600 RIVIERA AVENUE SUITE 200, WALNUT CR	EEK CA 9459	6		
Ingredient:	Clethodim				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
60-1	Summary and Discussion of Data Requirements to Support the EPA Registration of SELECT Herbicide.	ADMIN	Valent U.S.A. Corporation	OWN	
61-1	Clethodim Technical Product Chemistry Series 61. Non-CBI. (SD signed 12/29/88) 8827171.	41213901	Valent U.S.A. Corporation	OWN	
61-1	Clethodim Technical Product Chemistry Series 61. (CBI)	40974501	Valent U.S.A. Corporation	OWN	
61-1	Clethodim Technical Product Chemistry: Series 61. Supplemental to: Clethodim Technical Product Chemistry Series 61. 409745501.(Non- Confidentidal version and CBI). (SD signed 6/19/90).	41543301	Valent U.S.A. Corporation	OWN	
61-1	Amended Report: 37% Clethodim Technical Product Chemistry Series 61	42813201	Valent U.S.A. Corporation	OWN	
61-2	Clethodim Technical Product Chemistry Series 61. Non-CBI. (SD signed 12/29/88) 8827171.	41213901	Valent U.S.A. Corporation	OWN	
61-2	Clethodim Technical Product Chemistry Series 61 (CBI).	40974501	Chevron Chemical Company	OWN	
61-3	Clethodim Technical Product Chemistry Series 61.	40974501	Valent U.S.A. Corporation	OWN	
61-3	Clethodim Technical Product Chemistry Series 61. Non-CBI. (SD signed 12/29/88) 8827171.	41213901	Valent U.S.A. Corporation	OWN	
61-3	Clethodim Technical Product Chemistry Series 61. (CBI)	40974501	Chevron Chemical Company	OWN	

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Date: FEBRUARY 28, 2	2017		EPA Reg No./ File Symbol: 59639-2		Total Pages = 31		
Applicant's/ Registrant's Name & Address: VALENT U.S.A. CORPPORATION Product: CLETHODIM TECHNICAL							
	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 9459	6				
Ingredient:	Clethodim						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
61-3	Clethodim Technical Product Chemistry: Series 61. Supplemental to Clethodim Technical Product Chemistry: Series 61. 40974501. (Non- Confidentidal Version and CBI).	41543301	Valent U.S.A. Corporation	OWN			
61-3	Analytical Method Validation and 5-Batch Analysis for Impurities >0.1% and Clethodim in Clethodim Technical by Gas Chromatography and Liquid Chromatography	45790101	Valent U.S.A. Corporation	OWN			
62-1	Clethodim Technical Product Chemistry Series 62. (Non-CBI). 8828445.	40974503	Valent U.S.A. Corporation	OWN			
62-1	Clethodim Technical Product Chemistry Series 62. (Non-CBI)	40974503	Chevron Chemical Company	OWN			
62-1	Clethodim Technical Product Chemistry Series 62 - Amended Final Report. (To support the registration of Clethodim Technical and SELECT 2 EC).	42404801	Valent U.S.A. Corporation	OWN			
62-1	Amended Report: 37% Clethodim Technical Product Chemistry Series 62.	42813202	Valent U.S.A. Corporation	OWN			
62-2	Clethodim Technical Product Chemistry Series 62. (Non-CBI).	40974503	Valent U.S.A. Corporation	OWN			

40974503

OWN

Chevron Chemical Company

62-2

Clethodim Technical Product Chemistry Series 62. (CBI)

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Applicant's/ Registrant's Name			Product: CLETHODIM TECH	NICAL	
	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 9459	6		
Ingredient:	Clethodim	1		1	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
62-2	Clethodim Technical Product Chemistry: Series 62. Supplemental to: Clethodim Technical Product Chemistry Series 62. MRID 40974503 (CBI).	41798901	Valent U.S.A. Corporation	OWN	
62-2	Clethodim Technical Product Chemistry Series 62 - Amended Final Report. (To support the registration of Clethodim Technical and SELECT 2 EC).	42404801	Valent U.S.A. Corporation	OWN	
62-3	Clethodim Technical Product Chemistry: Series 62. Supplemental to: Clethodim Technical Product Chemistry Series 62. 40974502. (Non- Confidential Version and (CBI).	41543303	Valent U.S.A. Corporation	OWN	
62-3	Clethodim Technical Product Chemistry Series 62. (Non-CBI).	40974503	Valent U.S.A. Corporation	OWN	
62-3	Clethodim Technical Product Chemistry Series 62. (CBI)	40974503	Chevron Chemical Company	OWN	
62-3	Clethodim Technical Product Chemistry: Series 62. Supplemental to: Clethodim Technical Product Chemistry Series 62. MRID 40974503 (CBI).	41798901	Valent U.S.A. Corporation	OWN	
62-3	Clethodim Technical Product Chemistry Series 62 - Amended Final Report. (To support the registration of Clethodim	42404801	Valent U.S.A. Corporation	OWN	

Technical and SELECT 2 EC).

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Applicant's/ Registrant's Name & Address: VALENT U.S.A. CORPPORATION Product: CLETHODIM TECHNICAL									
	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 94590	6						
Ingredient:									
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note				
62-3	Clethodim Technical Product Chemistry: Series 62. Supplemental to: Clethodim Technical Product Chemistry Series 62. 40974502. (SD signed 6/ 19/90).	41543304	Valent U.S.A. Corporation	OWN					
63-02	Clethodim Technical Product Chemistry Series 63. (SD signed 11/18/88).	40974505	Valent U.S.A. Corporation	OWN					
63-02	Clethodim Technical Product Chemistry Series 62 - Amended Final Report. (To support the registration of Clethodim Technical and SELECT 2 EC).	42404801	Valent U.S.A. Corporation	OWN					
63-02	37% Clethodim Technical Product Chemistry	42865401	Valent U.S.A. Corporation	OWN					
63-03	Clethodim Technical Product Chemistry Series 63.	40974505	Valent U.S.A. Corporation	OWN					
63-04	Clethodim Technical Product Chemistry Series 63. 8828545. (SD signed 11/18/88).	40974505	Valent U.S.A. Corporation	OWN					
63-06	Clethodim Technical Product Chemistry Series 63. (SD signed 11/1/89) 8828545.	40974505	Valent U.S.A. Corporation	OWN					
63-07	Clethodim Technical Product Chemistry Series 63. 8828545 (SD signed 11/18/89).	40974505	Valent U.S.A. Corporation	OWN					
63-08	Clethodim Technical Product Chemistry Series 63. (SD Signed 11/18/89) 8828545.	40974505	Valent U.S.A. Corporation	OWN					
63-09	Clethodim Technical Product Chemistry Series 63. (SD signed 11/18/89). 8828545.	40974505	Valent U.S.A. Corporation	OWN					
63-10	Clethodim Technical Product Chemistry Series 63. (SD signed 11/18/89). 8828545.	40974505	Valent U.S.A. Corporation	OWN					

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Applicant's/ Registrant's Name		Product: CLETHODIM TECH	HNICAL						
1600 RIVIERA AVENUE SUITE 200, WALNUT CREEK CA 94596 Ingredient: Clethodim									
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note				
63-11	Clethodim Technical Product Chemistry Series 63. (SD signed 11/18/89) 8828545.	40974505	Valent U.S.A. Corporation	OWN					
63-12	Clethodim Technical Product Chemistry Series 63. (SD signed 11/18/89) 8828545.	40974505	Valent U.S.A. Corporation	OWN					
63-13	Clethodim Technical Product Chemistry Series 63. (SD signed 11/18/89) 8828545	40974505	Valent U.S.A. Corporation	OWN					
63-14	Clethodim Technical and Manufacturing Use Product. Product Chemistry Series 63. Supplement to: Clethodim Technical Product Chemistry Series 63. 40974505.	41543305	Valent U.S.A. Corporation	OWN					
53-15	Clethodim Technical and Manufacturing Use Product. Product Chemistry Series 63. Supplement to: Clethodim Technical Product Chemistry Series 63. 40974505.	41543305	Valent U.S.A. Corporation	OWN					
63-16	Clethodim Technical and Manufacturing Use Product. Product Chemistry Series 63. Supplement to: Clethodim Technical Product Chemistry Series 63. 40974505.	41543305	Valent U.S.A. Corporation	OWN					
63-17	Clethodim Technical and Manufacturing Use Product. Product Chemistry Series 63. Supplement to: Clethodim	41543305	Valent U.S.A. Corporation	OWN					

Technical Product Chemistry Series 63. 40974505.

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Applicant's/ Registrant's Name & Address:	VALENT U.S.A. CORPPORATION	Product: CLETHODIM TECHNICAL	

Ingredient:	Clethodim				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-18	Clethodim Technical and Manufacturing Use Product. Product Chemistry Series 63. Supplement to: Clethodim Technical Product Chemistry Series 63. 40974505.	41543305	Valent U.S.A. Corporation	OWN	
63-19	Clethodim Technical and Manufacturing Use Product. Product Chemistry Series 63. Supplement to: Clethodim Technical Product Chemistry Series 63. 40974505.	41543305	Valent U.S.A. Corporation	OWN	
63-20	Clethodim Technical and Manufacturing Use Product. Product Chemistry Series 63. Supplement to: Clethodim Technical Product Chemistry Series 63. 40974505.	41543305	Valent U.S.A. Corporation	OWN	
64-1	Synthesis and Certification of Analytical Reference Standards of Clethodim-Related Compounds. Experimental Use Permit. Supplemental Data Supporting Guideline 62. (Non-CBI). (SD signed 11/4/88).8828041	40974504	Chevron Chemical Company	OWN	
64-1	Synthesis and Certification of Analytical Reference Standards of Clethodim-Related Compounds. Experimental Use Permit. Supplemental Data Supporting Guideline 62 (CBI) (SD signed 11/4/88). 8828041.	40974504	Chevron Chemical Company	OWN	

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Applicant's/ Registrant's Name & Address: VALENT U.S.A. CORPPORATION Product: CLETHODIM TECHNICAL							
	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 94590	6				
Ingredient:	Clethodim		•				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
71-1	RE-45601 Technical (SX-1688): An Acute Oral Toxicity Study with the Bobwhite.	40974525	Valent U.S.A. Corporation	OWN			
71-2	RE-45601 Technical (SX-1688): A Dietary LC50 Study with the Bobwhite.	40974526	Valent U.S.A. Corporation	OWN			
71-2	RE-45601 Technical (SX-1688): A Dietary LC50 Study with the Mallard.	40974527	Valent U.S.A. Corporation	OWN			
71-4	RE-45601 Technical: A Pilot Reproduction Study with the Mallard (Anas Platyrhynchos).	41030203	Valent U.S.A. Corporation	OWN			
71-4	RE-45601 Technical: A Pilot Reproduction Study with the Bobwhite (Colinus Virginianus).	41030204	Valent U.S.A. Corporation	OWN			
71-4	RE-45601 Technical: A One Generation Reproduction Study with the Mallard (Anas platyrhychos).	41030205	Valent U.S.A. Corporation	OWN			
71-4	RE-45601 Technical: A One Generation Reproduction Study with the Bobwhite (Colinus virginianus).	41030206	Valent U.S.A. Corporation	OWN			
72-1	Acute Toxicity of Chevron RE-45601 Technical to Rainbow Trout in a Static Test System.	40974528	Valent U.S.A. Corporation	OWN			
72-1	Acute Toxicity of Chevron RE-45601 Technical to Bluegill Sunfish in a Static Test System.	40974529	Valent U.S.A. Corporation	OWN			
72-2	Acute Toxicity of Chevron RE-45601 Technical to Daphnia Magna in a Static Test System.	40974530	Valent U.S.A. Corporation	OWN			

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Applicant's/ Registrant's Name	& Address: VALENT U.S.A. CORPPORATION	N	Product: CLETHODIM TECH	HNICAL	
	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 9459	6		
Ingredient:	Clethodim		•		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
72-6	Uptake Depuration and Bioincentration of (Allyl-2-14C) and (Cyclohexene-1-One-4, 6-14C) RE-45601 to Bluegill Sunfish (Lepomis machochirus).	40974531	Valent U.S.A. Corporation	OWN	
81-1	The Acute Oral Toxicity of SELECT 2.0 EC (CC-14900) (SX-1721) in Adult Male and Female Rats.	40974506	Valent U.S.A. Corporation	OWN	
81-1	The Acute Oral Toxicity of RE-45601 Technical (SX-1688) in Adult Male and Female Rats.	40974507	Valent U.S.A. Corporation	OWN	
81-1	Acute Oral Toxicity Study in Mice with Chevron RE-45601 Technical. Final Report.	40974508	Valent U.S.A. Corporation	OWN	
81-1	Acute Intraperitoneal Toxicity Study in Rats with Chevron RE-45601 Technical (SX-1688). Revised Final Report.	40974509	Valent U.S.A. Corporation	OWN	
81-1	The Comparative Acute Oral Toxicity of RE-51228 (SX-1796) and RE-45601 Technical (SX-1688) in Adult Female Rats. (Results for RE-51228).(2 Volumes).	41030101	Valent U.S.A. Corporation	OWN	
81-1	The Comprative Acute Oral Toxicity of RE-51228 (SX-1796) and RE-45601 Technical (SX-1688) in Adult Female Rats. (Results for RE-45601). (2- Volumes)	41030101	Valent U.S.A. Corporation	OWN	
81-1	The Comparative Acute Oral Toxicity of RE-47719 (SX-1800) and RE-45601 Technical (SX-1688) in Adult Female Rats. (3 Volumes)	41030102	Valent U.S.A. Corporation	OWN	

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	DATA MATR	IX			
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Applicant's/ Registrant's Name	HNICAL				
	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 94590	6		
Ingredient:	Clethodim		1		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Acute Oral Toxicity in Rats - Limit Test of Clethodim 37% MUP (SX-1860)	42865402	Valent U.S.A. Corporation	OWN	
81-1	Acute Oral Toxicity Study in Rats with Clethodim Technical	43166401	Valent U.S.A. Corporation	OWN	
81-1 (870.1100)	TM-5403: Acute Oral Toxicity (Limit Test) in the Rat	44360301	Valent U.S.A. Corporation	OWN	
81-2	The Acute Dermal Toxicity of RE-45601 Technical (SX-1688) in Adult Male and Female Rabbits.	40974510	Valent U.S.A. Corporation	OWN	
81-2	Second Revision. The Acute Dermal Toxicity of SELECT 0.94 EC (SX-1850) in Adult Male and Female Rats.	42286503	Valent U.S.A. Corporation	OWN	
81-2	Acute Dermal Toxicity in Rabbits - Limit Test of Clethodim 37% MUP (SX- 1860)	42865403	Valent U.S.A. Corporation	OWN	
81-2	Acute Dermal Toxicity Study of Clethodim 37% MUP (SX-1860) in Adult Male and Female Rabbits.	43024301	Valent U.S.A. Corporation	OWN	
81-2 (870.1200)	TM-5403: Acute Dermal Toxicity (Limit Test) in the Rat	44360312	Valent U.S.A. Corporation	OWN	
81-3	The Acute Inhalation Toxicity of RE-45601 Technical (SX-1688) in Rats.	40974512	Valent U.S.A. Corporation	OWN	
81-3	The Acute Inhalation Toxicity of Clethodim 37% Technical (SX-1860) in Rats	-42874301	Valent U.S.A. Corporation	OWN	
81-3 (870.1300)	TM-5403: Acute Inhalation Toxicity (Nose Only) Study in the Rat	44360303	Valent U.S.A. Corporation	OWN	

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	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 9459	6					
Ingredient: Clethodim								
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note			
81-4	The Acute Eye Irritation Potential of RE-45601 Technical (SX-1688).	40974514	Valent U.S.A. Corporation	OWN				
81-4	Primary Eye Irritation Study in Rabbits With and Without Rinsing of Clethodim 37% MUP (SX-1860)	42865404	Valent U.S.A. Corporation	OWN				
81-4	Primary Eye Irritation Study in Rabbits With and Without Rinsing of Clethodim 37% MUP (SX-1861)	42865405	Valent U.S.A. Corporation	OWN				
81-4 (870.2400)	TM-5403: Primary Eye Irritation Test in the Rabbit	44360304	Valent U.S.A. Corporation	OWN				
81-5	The Four-Hour Skin Irritation Potential of RE-45601 Technical (SX-1688).	40974516	Valent U.S.A. Corporation	OWN				
81-5	Primary Skin Irritation Study in Rabbits of Clethodim 37% MUP (SX-1860)	42865406	Valent U.S.A. Corporation	OWN				
81-5	Primary Skin Irritation in Rabbits of Clethodim 37% MUP (SX-1861)	42865407	Valent U.S.A. Corporation	OWN				
81-5	Acute Dermal Irritancy/Corrosivity Study of Clethodim 37% MUP (SX-1860) In Rabbits.	43024302	Valent U.S.A. Corporation	OWN				
81-5	Acute Dermal Irritancy/Corrosivity Study of Clethodim 37% MUP (SX-1861) in Rabbits.	43024303	Valent U.S.A. Corporation	OWN				
81-5 (870.2500)	TM-5403: Primary Dermal Irritation Test in the Rabbit	44360305	Valent U.S.A. Corporation	OWN				
81-6	Modified Buehler Test for the Skin Sensitization Potential of RE-45601 Technical (SX-1688).	40974518	Valent U.S.A. Corporation	OWN				

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	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 94590	6					
Ingredient: Clethodim								
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note			
81-6	Delayed Contact Hypersensitivity Study in Guinea Pigs (Buehler Technique) with Clethodim 37 percent MUP (SX-1860).	42202801	Valent U.S.A. Corporation	OWN				
82-1	13-Week Oral Toxicity Study in Rats with RE-45601 Technical (SX-1688).	41030107	Valent U.S.A. Corporation	OWN				
82-1	Four-Week Subchronic Oral Toxicity Study in Mice Chevron RE-45601 Technical Final Report.	41030103	Valent U.S.A. Corporation	OWN				
82-1	A Ninety-Day Subchronic Oral Toxicity Study in Dogs with Chevron RE- 45601 Technical.	41030106	Valent U.S.A. Corporation	OWN				
82-1	Analytical Support for a Ninety Day Dog Study with RE-45601 Technical. Supplemental to 41030106.	41623602	Valent U.S.A. Corporation	OWN				
82-1	Five-Week Subchronic Feeding Study of High Purity RE-45601 (SX-1718) and RE-45601 Process Neutral (SC-1717) in Rats.	41030108	Valent U.S.A. Corporation	OWN				
82-1	Five-Week Oral Toxicity Study in Rats with RE-47719 (SX-1800)	41030104	Valent U.S.A. Corporation	OWN				
82-1	Five-Week Oral Toxicity Study in Rats with RE-51228 (SX-1803).	41030105	Valent U.S.A. Corporation	OWN				
82-2	Four-Week Repeated-Dose Dermal Toxicity Study in Rats with RE-45601 Technical (SX-1688).	41030109	Valent U.S.A. Corporation	OWN				
83-1	Five-Week Pilot Feeding Study in Rats with RE-45601 Technical (SX-1653).	41030110	Valent U.S.A. Corporation	OWN				

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	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 9459	6		
Ingredient:	Clethodim				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
83-1	One-Year Oral Toxicity Study in Dogs with Chevron RE-45601 Technical (SX-1688).	41030111	Valent U.S.A. Corporation	OWN	
83-1	Analytical Support for a One-Year Dog Study with RE-45601 Technical. Supplemental to 41030111. CCC S-2964.	41623603	Valent U.S.A. Corporation	OWN	
83-2	Chronic Oral Oncogenicity Study in Mice with Chevron RE- 45601 Technical (SX-1688) (S-2867)	41030112	Valent U.S.A. Corporation	OWN	
83-3	Pilot Teratology Study in Rabbits with Chevron RE-45601 Technical (S- 2734).	41030113	Valent U.S.A. Corporation	OWN	
83-3	Pilot Teratology Study in Rats with Chevron RE-45601 Technical - Final Report.	41030114	Valent U.S.A. Corporation	OWN	
83-3	Protocol Teratology Study in Rabbits with Chevron RE-45601 (S-2869)	41020115	Valent U.S.A. Corporation	OWN	
83-3	Teratology Study in Rats with Chevron RE-45601 Technical - Final Report.	41030116	Valent U.S.A. Corporation	OWN	
83-3	Oral Teratogenicity and Developmental Toxicity Screen in Rats with RE- 47719.	41030117	Valent U.S.A. Corporation	OWN	
83-3	Oral Teratogenicity and Developmental Toxicity Screen in Rats with RE-51228.	41030118	Valent U.S.A. Corporation	OWN	
83-4 2	Final Report: Pilot Rat Reproduction Study with Chevron RE-45601 Technical.	41030119	Valent U.S.A. Corporation	OWN	

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Applicant's/ Registrant's Name	& Address: VALENT U.S.A. CORPPORATIO	N	Product: CLETHODIM TECH	HNICAL	
	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 94590	6		
Ingredient:	Clethodim				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
83-4 2	Two Generation (One Litter) Reproduction Study in Rats with RE-45601 Technical.	41030120	Valent U.S.A. Corporation	OWN	
83-5	Combined Chronic Oral Toxicity Oncogenicity Study in Rats with RE-45601 Technical (SX-1688).	41030121	Valent U.S.A. Corporation	OWN	
84-2	Microbial/Mammalian Microsome Mutagenicity Plate Incorporation Assay with RE-45601 (83% Purity SX-1688).	41030122	Valent U.S.A. Corporation	OWN	
84-2	Microbial/Mammalian Microsome Mutagenicity Plate Incorporation Assay with RE-45601 Technical (83.3% Purity SX-1688) (S-2859).	41030123	Valent U.S.A. Corporation	OWN	
84-2	Cytogenetics Assay in Bone Marrow Cells of Rats Following Acute Oral Exposure to RE-45601 Technical (S-2864).	41030125	Valent U.S.A. Corporation	OWN	
84-2	Microbial/Mammalian Microsome Plate Incorporation Mutagenicity Assay with RE-51228.	41030126	Valent U.S.A. Corporation	OWN	
84-2	Microbial/Mammalian Microsome Plate Incorporation Mutagenicity Assay with RE-47719 (SX-1800).	41030127	Valent U.S.A. Corporation	OWN	
84-2	Chromosome Aberrations in Chinese Hamster Ovary (CHO) Cells with Chevron RE-45601 Technical.	41030128	Valent U.S.A. Corporation	OWN	
84-2	Chromosome Aberrations in Chinese Hamster Ovary (CHO) Cells with Purified Chevron RE-45601.	41030129	Valent U.S.A. Corporation	OWN	

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Applicant's/ Registrant's Name & Address: VALENT U.S.A. CORPPORATION Product: CLETHODIM TECHNICAL						
	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 9459	6			
Ingredient:	Clethodim					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
84-2	Chromosome Aberrations in Chinese Hamster Ovary (CHO) Cells: RE-47719 Final Toxicology Report.	41030130	Valent U.S.A. Corporation	OWN		
84-2	Chromosome Aberrations in Chinese Hamster Ovary (CHO) Cells: RE-51228.	41030131	Valent U.S.A. Corporation	OWN		
84-2(b)	Chromosome Aberrations in Chinese Hamster Lung Cells with RE-47479 (Screening Test)	44628501	Valent U.S.A. Corporation	OWN		
84-2(b)	Chromosomal Aberrations in Chinese Hamster Lung Cells with RE-47132 (Screening Test)	44628502	Valent U.S.A. Corporation	OWN		
84-2(b)	Chromosomal Aberrations in Chinese Hamster Lung Cells with RE-46116 (Screening Test)	44628503	Valent U.S.A. Corporation	OWN		
84-4	In Vivo-In Vitro Hepatocyte DNA Repair Assay: In Vitro Evaluation of Unscheduled DNA Synthesis (UDS) Following Oral Administration of Chevron RE-45601 Technical to B6C3F1 Mice.	41030124	Valent U.S.A. Corporation	OWN		
85-1	The In Vivo Metabolism of (Propyl-1-14C) Clethodim in Rats. MEF-0086.	41030132	Valent U.S.A. Corporation	OWN		
85-2	The Percutaneous Absorption of 14C-SELECT 2.0 EC (RE-45601) in Male Rats.	41030202	Valent U.S.A. Corporation	OWN		
123-2	Acute Toxicity of RE-45601 Technical to the Freshwater Algae (Selenastrum capricornutum) Printz.	41685106	Valent U.S.A. Corporation	OWN		

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Date: FEBRUARY 28, 2	2017		EPA Reg No./ File Symbol: 5963	9-2	Total Pages = 31
Applicant's/ Registrant's Name	& Address: VALENT U.S.A. CORPPORATIO	N	Product: CLETHODIM TECI	HNICAL	
	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 9459	6		
Ingredient:	Clethodim				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
123-2	The Phytotoxicity of RE-45601 Technical with Duckweed (Lemna gibba G3) in a Static System. Submitted to Support Clethodim Tech. Chevron Clethodim Tech. and SELECT 2EC. ID-Malcolm Pirnie: B765-01-1.	42029701	Valent U.S.A. Corporation	OWN	
123-2	A 14-day Toxicity Test with Duckweed (Lemna gibba G3). Supporting Clethodim Tech. Chevron Clethodim Tech. and SELECT 2EC.	42029702	Valent U.S.A. Corporation	OWN	
123-2	A 5-day Toxicity Test with the Freshwater Alga (Selenastrum capricornutum). Supporting Clethodim Tech. Chevron Clethodim Tech. and SELECT 2EC.	42029703	Valent U.S.A. Corporation	OWN	
123-2	A 5-day Toxicity Test with the Marine Diatom (Skeletonema costatum). Supporting Clethodim Tech. Chevron Clethodim Tech. and SELECT 2EC.	42029704	Valent U.S.A. Corporation	OWN	
123-2	A 5-day Toxicity Test with Freshwater Alga (Anabaena flosaquae). Supporting Clethodim Tech. Chevron Clethodim Tech. and SELECT 2EC.	42029705	Valent U.S.A. Corporation	OWN	
123-2	A 5-day Toxicity Test with the Freshwater Diatom (Navicula	42029706	Valent U.S.A. Corporation	OWN	

pelliculosa). Supporting Clethodim Tech. Chevron Clethodim Tech and SELECT 2EC.

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Applicant's/ Registrant's Name	& Address:	VALENT U.S.A. CORPPORATION	Product:	CLETHODIM TECHNICA	L			
	1600 RIVIERA AVENUE SUITE 200, WALNUT CREEK CA 94596							
Ingredient:	Clethodim							

ingredient.	Cietilodiiii				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
141-1	Bee Adult Toxicity Dusting Test (BATDT) Evaluating the	40974532	Valent U.S.A. Corporation	OWN	
	Comparative Acute Contact Toxicity of RE-45601; 9433-16				
	87.9% Technical (SELECT) to Honey Bee Worker Adults.				
161-1	Hydrolysis Study on RE-45601. MEF-0013.	40974520	Valent U.S.A. Corporation	OWN	
161-2	(Allyl-2-14C)-Clethodim Photoegradation in Water. MEF-0025.	41030133	Valent U.S.A. Corporation	OWN	
161-2	(4, 6-Ring-14C)-Clethodim Photodegradation in Water. MEF-0024.	41030134	Valent U.S.A. Corporation	OWN	
161-3	Clethodim Photodegradation on Soil. MEF-0022.	41030135	Valent U.S.A. Corporation	OWN	
162-1	The Aerobic Soil Metabolism of Clethodim Using (Ring-4, 6-	40974521	Valent U.S.A. Corporation	OWN	
	14C) and (Allyl-2-14C) Clethodim. MEF-0015 MEF-0016.				
162-1	The Aerobic Soil Metabolism of (Propyl-1-14C) Clethodim.	40974522	Valent U.S.A. Corporation	OWN	
	MEF-0014.				
162-1	The Aerobic Soil Metabolism of Clethodim Using (Ring-4,6	41376801	Valent U.S.A. Corporation	OWN	
	14C) and (Allyl-2-14C)-Clethodim. Revised 1/5/90. MEF-0015				
	MEF-0016.				
162-2	The Anaerobic Soil Metabolism of (Ring-4	41030136	Valent U.S.A. Corporation	OWN	
	6-14C) Clethodim. MEF-0063.				
162-3	The Anaerobic Aquatic Metabolism of [Ring - 4	41652301	Valent U.S.A. Corporation	OWN	
	6-14C] Clethodim. MEF-0141.				

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	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 94596	6					
Ingredient: Clethodim								
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note			
162-3	Memo on Anaerobic Soil & Aquatic Metabolism Studies EFGWB Review Dated February 24, 1991 Soil Types.	ADMIN. MAT	Valent U.S.A. Corporation	OWN				
163-1	Freundlich Soil Adsorption/Desorption Coefficients of Clethodim and Three Metabolites. MEF-0102.	40974523	Valent U.S.A. Corporation	OWN				
165-1	Confined Rotational Crop Study of (Ring 4, 6-14C)-Clethodim with Carrots Lettuce and Wheat.	41030211	Valent U.S.A. Corporation	OWN				
165-4	Characterization of 14C Residues in Bluegill Sunfish Treated with (Allyl-2-14C)-Clethodim or (Cyclohexene-1-one-4, 6-14C)-Clethodim.	40974524	Valent U.S.A. Corporation	OWN				
171-2	Clethodim Technical Product Chemistry Series 61.	40974501	Valent U.S.A. Corporation	OWN				
171-2	Clethodim Technical Product Chemistry Series 61.	40974501	Chevron Chemical Company	OWN				
171-2	Clethodim Technical Product Chemistry Series 61.	41543301	Valent U.S.A. Corporation	OWN				
171-4	Plant Metabolism Study of (Ring-4, 6-14C) Clethodim in Carrots Soybeans and Cotton. MEF-0004.	41030137	Valent U.S.A. Corporation	OWN				
171-4	Plant Metabolism Study of (Allyl-2-14C) Clethodim. MEF-0005.	41030138	Valent U.S.A. Corporation	OWN				
171-4	Magnitude of Clethodim Residues in 1990 Cotton Bridging Trials.	42286505	Valent U.S.A. Corporation	OWN				
171-4	Magnitude of Clethodim Residues in 1990 Soybean Bridging Trials.	42286506	Valent U.S.A. Corporation	OWN				

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	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 94596			
Ingredient:	Clethodim				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4	The In Vivo Metabolism of (Propyl-1-14C) Clethodim in Lactating Goats.	41030139	Valent U.S.A. Corporation	OWN	
171-4	(Ring-4, 6-14C) Clethodim: A Radiocarbon Metabolism Study in Laying Hens. MEF-00089	41030140	Valent U.S.A. Corporation	OWN	
171-4	Confirmatory Method for Determination of Clethodim Metabolites in Crops. Method RM-26C-1. Supplemental to 41030141.	41389902	Valent U.S.A. Corporation	OWN	
171-4	Confirmatory Method for the Determination of Clethodim and Clethodim Metabolites in Crops, Animal Tissues, Milk and Eggs. Supplemental to 41389902.	41623402	Valent U.S.A. Corporation	OWN	
171-4	Confirmatory Method for the Determination of Clethodim and Clethodim Metabolites in Crops, Animal Tissues, Milk and Eggs. Method EPA-RM-26D-1. Supplemental to MRID 41623402.	41730701	Valent U.S.A. Corporation	OWN	
171-4	Compound Specific Method-Additional Information. Supplemental to MRID 41623402.	ADMIN. MATI	Valent U.S.A. Corporation	OWN	
171-4	Validation of the Confirmatory Method for Determination of Clethodim Metabolites in Soybean Seed, Cotton, Fuzzy Seed and Bovine Liver.	41685001	Valent U.S.A. Corporation	OWN	

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Applicant's/ Registrant's Name & Address: VALENT U.S.A. CORPPORATION		Product: CLETHODIM TECHNICAL						
1600 RIVIERA AVENUE SUITE 200, WALNUT CREEK CA 94596								
Ingredient:	Clethodim							
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note			
171-4	VP-10256-Independent Method Validation: Method EPA-RM-	42924502	Valent U.S.A. Corporation	OWN				

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Applicant's/ Registrant's Name	& Address: VALENT U.S.A. CORPPORATION	ON	Product: CLETHODIM TECH	HNICAL				
	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 94596						
Ingredient: Clethodim								
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note			
171-4	Determination of Clethodim Residues in Peanut Commodities by the Confirmatory Method EPA-RM-26D-2.	43448203	Valent U.S.A. Corporation	OWN				
171-4	Clethodim (5%) & Clethodim Sulfoxide (95%): Meat & Egg Residue Study in White Leghorn Chickens.	41030221	Valent U.S.A. Corporation	OWN				
171-4	Testing of RE-45601 RE-45924 and RE-51228 through FDA Multi-Residue Protocols A through E	43166406	Valent U.S.A. Corporation	OWN				
171-4	Testing of RE-45601 RE-45924 RE-51228 through FDA Multi-Residue Protocol D.	43166407	Valent U.S.A. Corporation	OWN				
171-4(c)	Determination of Clethodim Residues in Potato by the Confirmatory Method, EPA-RM-26D-2	43757701	Valent U.S.A. Corporation	OWN				
171-4(c)	Determination of Clethodim Residues in Tomato by the Confirmatory Mehtod, EPA-RM-26D-2	43757702	Valent U.S.A. Corporation	OWN				
171-4(k) (860.1500 171-4(l) (860.1520	Magnitude of Clethodim Residues in Rapeseed (including Canola) Commodities: Seed, Meal and Oil	44393301	Valent U.S.A. Corporation	OWN				
171-5	Summary of Data Submitted for Select Herbicide, Clethodim Technical, Chevron Clethodim Technical Registrations and Clethodim Tolerance Petition	Admin_2-1-1	Valent U.S.A. Corporation	OWN				
830.1550	U.S. EPA Product Properties Test Guidelines - Group A and Group B of TM-5403	44360307	Valent U.S.A. Corporation	OWN				

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1600 RIVIERA AVENUE SUITE 200, WALNUT CREEK CA 94596

Ingredient:	Clethodim				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Clethodim 37% MUP: Product Identity and Composition;	48793701	Valent U.S.A. Corporation	OWN	
830.1600	Description of Starting Materials; Description of the				
830.1620	Production Process; Discussion of Formation of Impurities -				
830.1670	Shandong Source				
830.1550	Product Identity and Composition of Clethodim 37% MUP;	48581902	Valent U.S.A. Corporation	OWN	
830.1600	Description of Starting Materials for the Clethodim 37%				
830.1620	MUP; Description of the Production Process for Clethodim				
830.1670	37% MUP				
	Discussion of Formation of Impurities in Clethodim 37% MUP				
830.1550	Clethodim Technical: Product Identity and Composition,	49944903	Valent U.S.A. Corporation	OWN	
830.1600	Description of Materials Used to Produce the Product,				
830.1620	Production Process, Formation of Impurities, Preliminary				
830.1670	Analysis, Certification of Limits and Analytical Methods				
830.1700					
830.1750					
830.1800					

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Applicant's/ Registrant's Name & Address: VALENT U.S.A. CORPPORATION Product: CLETHODIM TECHNICAL

Ingredient:	Clethodim				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Analysis of Clethodim in Clethodim 70% MUP	47052701	Valent U.S.A. Corporation	OWN	
830.1600					
830.1620					
830.1650					
830.1670					
830.1750					
830.1800					
830.1900					
830.1550	Physical and Chemical Properties of V-10139 1.6 EC	46115401	Valent U.S.A. Corporation	OWN	
830.1600					
830.1620					
830.1650					
830.1670					
830.1700					
830.1750					
830.1800					
830.1900					
830.6303					
830.6314					
830.7000					
830.7300					

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Applicant's/ Registrant's Name & Address:	VALENT U.S.A. CORPPORATION	Product: CLETHODIM TECHNICAL	

Ingredient:	Clethodim				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1700	Physical and Chemical Properties of Clethodim 70% MUP	47052702	Valent U.S.A. Corporation	OWN	
830.1700	Analysis of Clethodim and its Production Process Impurities	48793702	Valent U.S.A. Corporation	OWN	
830.1800	in Clethodim 37% MUP - Shandong Source; Enforcement Analytical Methods to Verify Certified Limits of Clethodim 37% MUP				
830.1750	Certified Limits of Clethodim 37% Manufacturing Use Product - Hebei Source [CBI Appendix]	48581903	Valent U.S.A. Corporation	OWN	
830.6302	Magnitude of Clethodim Residues in Corn Raw Agricultural	47052703	Valent U.S.A. Corporation	OWN	
830.6303	Products and Processed Parts				
830.6304					
830.6315					
830.7000					
830.7100					
830.7300					
830.6302	Clethodim TC: Determination of Appearance (Color, Physical	49944901	Valent U.S.A. Corporation	PER	
830.6303	State and Odor)				
830.6304					
830.6303	A Dermal Sensitization Study in Guinea Pigs with V-10117	46115403	Valent U.S.A. Corporation	OWN	
830.6314	1.88 EC Modified Buehler Design				
830.6315					
830.7000					

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Α	pplicant's/ Registrant's Name & Address:	VALENT U.S.A. CORPPORATION	Product: CLETHODIM TECHNICAL	

Ingredient:	Clethodim				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6303	Physical and Chemical Properties of V-10137 1 EC	46115404	Valent U.S.A. Corporation	OWN	
830.6314					
830.6315					
830.7000					
830.6313 6314 6317	Clethodim Technical: Physical and Chemical Properties	49944902	Valent U.S.A. Corporation	OWN	
6319 6320 7050 7520	Waiver Requests				
830.6315	Clethodim TC: Determination of Flash Point	49944904	Valent U.S.A. Corporation	PER	
830.6316	Clethodim TC: Determination of Explosive Properties	49944905	Valent U.S.A. Corporation	PER	
830.6317	V-10139 1.6 EC Herbicide Response to EPA's Request for a	46598701	Valent U.S.A. Corporation	OWN	
830.6320	Repeat Primary Eye Irritation Study				
830.6317	Storage Stability and Corrosion Characteristics of V-10139	46732101	Valent U.S.A. Corporation	OWN	
830.6320	1.6 EC				
830.6320	Clethodim TC: Determination of Corrosion Characteristics	49944906	Valent U.S.A. Corporation	PER	
830.7000	Clethodim TC: Determination of pH	49944907	Valent U.S.A. Corporation	PER	
830.7050	UV/Visible Absorption, 10-8-2010 10-21-2010 48265101	48265101	Valent U.S.A. Corporation	OWN	
830.7100	Viscosity Test of Clethodim 94% Technical (CIPAC MT 22)	49944908	Valent U.S.A. Corporation	PER	
830.7200	Clethodim TC: Determination of Melting/Freezing	49944909	Valent U.S.A. Corporation	PER	
	Temperature				
830.7220	Boiling Point of Clethodim TC	49944910	Valent U.S.A. Corporation	PER	
830.7300	Clethodim TC: Determination of Relative Density	49944911	Valent U.S.A. Corporation	PER	

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	1600 RIVIERA AVENUE SUITE 200, WALNUT CRI	EEK CA 9459	6		
Ingredient:	Clethodim				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7370	Clethodim TC: Determination of Dissociation Constants in Water	49944912	Valent U.S.A. Corporation	PER	
830.7550	Clethodim TC: Determination of Partition Coefficient	49944913	Valent U.S.A. Corporation	PER	
830.7840	Clethodim TC: Determination of Solvent Solubility	49944914	Valent U.S.A. Corporation	PER	
830.7840	Clethodim TC: Determination of Water Solubility	49944915	Valent U.S.A. Corporation	PER	
830.7950	Clethodim TC: Determination of Vapor Pressure	49944916	Valent U.S.A. Corporation	PER	
850.1025	96 hr. Flow Through Shell Deposition- Eastern Oyster	48563001	Valent U.S.A. Corporation	OWN	
850.1025	Response to U.S. Data Evaluation Report for MRID no. 48563001 Oyster Acute Toxicity	49371501	Valent U.S.A. Corporation	OWN	
850.1035	96 hr. Static Renewal Acute Toxicity –Saltwater Mysid	48417001	Valent U.S.A. Corporation	OWN	
850.1075	96 hr. Static Renewal Acute Toxicity – Fathead Minnow	48417002	Valent U.S.A. Corporation	OWN	
850.1075	96 hr. Static Renewal Acute Toxicity – Rainbow Trout	48417003	Valent U.S.A. Corporation	OWN	
850.1075	96 hr. Static Renewal Acute Toxicity – Sheepshead Minnow	48417004	Valent U.S.A. Corporation	OWN	
850.1300	Daphnid Chronic Toxicity Test	48104305	Valent U.S.A. Corporation	OWN	
850.1350	Flow Through Life Cycle Toxicity – Saltwater Mysid	48548601	Valent U.S.A. Corporation	OWN	
850.1350	Response to U.S. Data Evaluation Report for MRID no. 48548601 Saltwater Invertebrate Life-Cycle Toxicity	49371502	Valent U.S.A. Corporation	OWN	
850.1400	Response to U.S. Data Evaluation Report for MRID no. 48548602 Saltwater Fish Early-Life Toxicity	49371503	Valent U.S.A. Corporation	OWN	
850.1400	Early Life Stage Toxicity – Fathead Minnow	48104303	Valent U.S.A. Corporation	OWN	
850.1400	Early Life Stage Toxicity –Sheepshead Minnow	48548602	Valent U.S.A. Corporation	OWN	

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	DATA MATR	IX						
Date: FEBRUARY 28, 2	2017		EPA Reg No./ File Symbol: 59639	9-2	Total Pages = 31			
Applicant's/ Registrant's Name	& Address: VALENT U.S.A. CORPPORATIO	N	Product: CLETHODIM TECH	HNICAL				
	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 9459	6					
Ingredient: Clethodim								
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note			
850.2100	Acute Oral Toxicity – Passerine	WAIVER	Valent U.S.A. Corporation	OWN				
850.1400	Response to U.S. Data Evaluation Report for MRID no.	49371503	Valent U.S.A. Corporation	OWN				
	48548602 Saltwater Fish Early-Life Toxicity							
860.1500	Clehtodim: Magnitude of the Residue on Okra	49958401	IR-4	PER				
860.1500	Clehtodim: Magnitude of the Residue on Almond	49958402	IR-4	PER				
860.1500	Clehtodim: Magnitude of the Residue on Pecan	49958403	IR-4	PER				
860.1500	Magnitude of Clethodim Residues in Corn Raw Agricultural	46951801	Valent U.S.A. Corporation	OWN				
860.1520	Products and Processed Parts, vol. 1 to 3							
870.1100	Clethodim - Summary of Data and Tolerance Petition	46115405	Valent U.S.A. Corporation	OWN				
	Supporting Use on Field Corn							
870.1100	An Acute Oral Toxicity Study in Rats with V-10137 1 EC	46115406	Valent U.S.A. Corporation	OWN				
	(Up/Down Study Design)							
870.1100	Clethodim TC Acute Oral Toxicity in the Rat - Acute Toxic	49944917	Valent U.S.A. Corporation	PER				
	Class Method							
870.1100	An Overview of Data Requirements to Support the Product	46115417	Valent U.S.A. Corporation	OWN				
870.1200	Registrations of V-10137 1 EC (Herbicide) and V-10139 1.6 EC							
870.1300	(Herbicide)							
870.2400								
870.2500								
				1				

870.2600

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	TRIX	

Date: **FEBRUARY 28, 2017** EPA Reg No./ File Symbol: **59639-2** Total Pages = **31**

Applicant's/ Registrant's Name & Address: VALENT U.S.A. CORPPORATION Product: CLETHODIM TECHNICAL

Ingredient:	Clethodim		_		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1100	Justification for Bridging Acute Toxicity Data from Clethodim	47052704	Valent U.S.A. Corporation	OWN	
870.1200	Technical and Select 37% MUP to Select 70% MUP				
870.1300					
870.2400					
870.2500					
870.2600					
870.1200	An acute dermal toxicity study in rabbits with V-10117 1.88 EC	46115407	Valent U.S.A. Corporation	OWN	
870.1200	An acute dermal toxicity study in rabbits with V-10137 1 EC	46115408	Valent U.S.A. Corporation	OWN	
870.1200	Clethodim TC: Acute Dermal Toxicity (Limit Test) in the Rat	49944918	Valent U.S.A. Corporation	PER	201600383
870.1300	An Acute Oral Toxicity Study in Rats with V-10117 1.88 EC (Up/Down Study Design)	46115409	Valent U.S.A. Corporation	OWN	
870.1300	An Acute Dermal Toxicity Study in Rabbits with V-10137 1 EC	46115410	Valent U.S.A. Corporation	OWN	
870.1300	Clethodim TC Acute Inhalation Toxicity (Nose Only) Study in the Rat	49944919	Valent U.S.A. Corporation	PER	
870.2400	An Acute Nose-Only Inhalation Toxicity Study in Rats with V-10117 1.88 EC	46115412	Valent U.S.A. Corporation	OWN	
870.2400	A Primary Eye Irritation Study in Rabbits with V-10117 1.88 EC	46336701	Valent U.S.A. Corporation	OWN	

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	DATA MATR	IX	T		
Date: FEBRUARY 28, 2	017		EPA Reg No./ File Symbol: 5963	9-2	Total Pages = 31
Applicant's/ Registrant's Name	& Address: VALENT U.S.A. CORPPORATIO	N	Product: CLETHODIM TEC	HNICAL	
	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 9459	6		
ngredient:	Clethodim				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2400	Clethodim TC: Acute Eye Irritation in the Rabbit	49944920	Valent U.S.A. Corporation	PER	
870.2500	An Acute Nose-Only Inhalation Toxicity Study in Rats with V- 10137 1 EC	46115410	Valent U.S.A. Corporation	OWN	
870.2500	A Primary Skin Irritation Study in Rabbits with V-10117 1.88 EC	46115413			
870.2500	Chronic Dietary Exposure Analysis for Clethodim on Root and Tuber Vegetables, Leaves of Root and Tuber Vegetables, Bulb Vegetables, Leafy Vegetables, Brassica Leafy Vegetables, Legume Vegetables (Succulent and Dry), Fruiting Vegetables, Curcurbits Vegetables, Berries, Cranberry, Strawberry, Asparagus, Peanuts, Cotton, Sunflower, Safflower, Canola (Rapeseed), Flaxseed, Hops, Mint, Sesame, Basil, Alfalfa, Clover, and Incurred Secondary Residues in Meat, Poultry, and Milk		Valent U.S.A. Corporation	OWN	
870.2500	Clethodim TC: Acute Dermal Irritation in the Rabbit	49944921	Valent U.S.A. Corporation	PER	
370.2600	A Primary Skin Irritation Study in Rabbits with V-10137 1 EC	46115415	Valent U.S.A. Corporation	OWN	
370.2600	A dermal sensitization study in guinea pigs with V-10137 1EC modified Buehler design / with a CD with an electronic version of the report	-46115416	Valent U.S.A. Corporation	OWN	
870.2600	Clethodim TC: Local Lymph Node Assay in the Mouse	49944922	Valent U.S.A. Corporation	PER	

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	DATA MATR	IX			
Date: FEBRUARY 28, 2	017		EPA Reg No./ File Symbol: 59639	9-2	Total Pages = 31
Applicant's/ Registrant's Name	& Address: VALENT U.S.A. CORPPORATIO	N	Product: CLETHODIM TECH	HNICAL	
	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 94596	6		
Ingredient:	Clethodim		-1		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2600	Skin Sensitization of Clethodim Technical in Guinea Pigs	49944923	Valent U.S.A. Corporation	PER	
870.6200	A 28-Day Dietary Dose Range-Finding Neurotoxicity Study of Clethodim in Rats	48788501	Valent U.S.A. Corporation	OWN	
870.6200	An Oral (Gavage) Acute Neurotoxicity Study of Clethodim in R	48788502	Valent U.S.A. Corporation	OWN	
870.6200	A 90-Day Oral Dietary Neurotoxicity Study of Clethodim in Rats	48788503	Valent U.S.A. Corporation	OWN	
870.7800	A 28-Day Oral (Dietary) Dose Range-Finding Immunotoxicity Study of Clethodim in Female B6C3F1 Mice	48788504	Valent U.S.A. Corporation	OWN	
870.7800	A 28-Day Oral (Dietary) Immunotoxicity Study of Clethodim in Female B6C3F1 Mice	48788505	Valent U.S.A. Corporation	OWN	
NONE	A toxicology discussion and justification for bridging acute toxicology data for V-10139 1.6 EC (Herbicide) in support of the product registration	46115418	Valent U.S.A. Corporation	OWN	
NONE	A Dermal Sensitization Study in Guinea Pigs with V-10137 1 EC Modified Buehler Design	46115417	Valent U.S.A. Corporation	OWN	
NONE	A Toxicology Discussion and Justification for Bridging Acute Toxicology Data for V-10139 1.6 EC (Herbicide) In Support for the Product Registration	46310601	Valent U.S.A. Corporation	OWN	
NONE	Chronic Dietary Exposure Analyses for Clethodim	46951802	Valent U.S.A. Corporation	OWN	

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	DATA MATR	(IX			
Date: FEBRUARY 28, 2	2017		EPA Reg No./ File Symbol: 59639)-2	Total Pages = 31
Applicant's/ Registrant's Name	& Address: VALENT U.S.A. CORPPORATIO	N	Product: CLETHODIM TECH	INICAL	
	1600 RIVIERA AVENUE SUITE 200, WALNUT CRE	EK CA 94590	ô		
Ingredient:	Clethodim				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
NONE	Storage Stability & Corrosion Characteristics of V-10137 1 EC	46951803	Valent U.S.A. Corporation	OWN	
NONE	Chronic Dietary Exposure Analyses for Clethodim	46951802	Valent U.S.A. Corporation	OWN	
NONE	Valent USA Corporation's Clethodim Acute and Sub-Chronic Neurotoxicity Study Guideline / Requirement Classification Positioning Paper [48788502, 48788503, 48788504, 48788505]	49201601	Valent U.S.A. Corporation	OWN	
NONE	Petition Proposing Tolerances for Clethodim Use in the Production of Almond, Pecan, Okra, and Crop Group Conversions and Expansions. Publication No. A-27200-21-16.	ADMIN	IR-4	PER	

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	DATA	A MATRIX			
Date: FEBRUARY 28, 2017			EPA Reg No./ File Symbol: 59639-2		Total Pages = 31
Applicant's/ Registrant's Name & Address: VALENT U.S.A. CORPPORATION		RATION	Product: CLETHODIM TECHNICAL		
	1600 RIVIERA AVENUE SUITE 200, WALNU	JT CREEK CA 94596	5		
Ingredient:	Clethodim				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Signature:			Name and Title LESLIE GARCIA Regulatory Project Manager Registration and Regulatory Affairs		Date:
	Rollis Janie				2/28/2017